

# DAY 3- API Integration Report-[Nike E-Commerce]

## -Project creation at Sanity

```
Your content will be stored in a dataset that can be public or private, depending on
whether you want to query your content with or without authentication.
The default dataset configuration has a public dataset named "production".
? Use the default dataset configuration? Yes
? Creating dataset
? Would you like to add configuration files for a Sanity project in this N
ext.js folder? Yes

It looks like you are using Next.js 15 and React 19
Please read our compatibility guide.
https://www.sanity.io/help/react-19

? Do you want to use TypeScript? Yes
? Would you like an embedded Sanity Studio? Yes
? What route do you want to use for the Studio? /studio
? Select project template to use Clean project with no predefined schema t
ypes
```

Run 'npm audit' for details.

**Success!** Your Sanity configuration files has been added to this project

ORIGIN	CREDENTIALS	CREATED
http://localhost:3000	Allowed	2 hours
http://localhost:3333	Allowed	3 hours

## -Adjustments made to schemas and Data migration

```
sanity > schemaTypes > TS product.ts > ...
1 export default {
2   name: 'product',
3   type: 'document',
4   title: 'Product',
5   fields: [
6     {
7       name: 'name',
8       type: 'string',
9       title: 'Name',
10    },
11    {
12      name: 'image',
13      type: 'image',
14      title: 'Image',
15      options: {
16        hotspot: true, // Enable image cropping
17      },
18    },
19    {
20      name: 'price',
21      type: 'number',
22    },
23  ],
24 }
```

```
OPEN EDITORS
DAY-3-HACKATHON
  app
    layout.tsx M
    n U
    pages.tsx M
    shop.tsx U
  node_modules
  public
  sanity
  scripts
    JS importsanity.mjs U
  types
  .env.local
  .eslintrc.json M
  .gitignore M
  next-env.d.ts
  next.config.ts
  package-lock.json M
  package.json M
  postcss.config.mjs
  README.md
  sanity.d.ts

scripts > JS importsanity.mjs > client
1 import { createClient } from '@sanity/client';
2 import fetch from 'node-fetch';
3
4 // Initialize Sanity client
5 const client = createClient({
6   projectId: "53117kxa",
7   dataset: "production",
8   useCdn: false, // Set to true if you want faster reads
9   apiVersion: '2025-01-13',
10   token: "skEpUcwFmLmmtmgTE0auguUWnKa0c9KSs0CF7gCOZSicNQI2536id975ACU76U1Ai16esz0f6U5xTqeZ99lrBd1QyFWT6GwgYJ
11 });
12
13 // Function to upload an image to Sanity
14 async function uploadImageToSanity(imageUrl) {
15   try {
16     console.log(`Uploading image: ${imageUrl}`);
17
18     const response = await fetch(imageUrl);
19     if (!response.ok) {
20       throw new Error(`Failed to fetch image: ${imageUrl}`);
21     }
22
23     const buffer = await response.arrayBuffer();
24     const bufferImage = Buffer.from(buffer);
25
```

```
// Function to fetch products from the provided API and upload them to Sanity
async function migrateProducts() {
  try {
    const response = await fetch('https://template-0-beta.vercel.app/api/product');

    if (!response.ok) {
      throw new Error(`HTTP error! Status: ${response.status}`);
    }

    const products = await response.json();

    for (const product of products) {
      await uploadProduct(product);
    }
  } catch (error) {
    console.error('Error fetching products:', error);
  }
}

// Start the migration
migrateProducts();
```

## -Populated Sanity CMS fields

The screenshot displays the Sanity CMS interface. On the left, a sidebar shows a 'Content' section with a 'Product' list. The 'Product' list includes items like 'Luxury Flower Bed', 'Blue Bed', 'Red Bed', 'White Bed' (highlighted), 'Solid Bed', 'Matilda Velvet Bed', 'Diondre Chair', 'Leisure Sofa Chair Set', 'Liberty Center', and 'Sleep Modern Table'. Below this, a 'What's new' section mentions 'Sanity Create Content Mapping, Visual Editing, Content Releases'.

The main content area is divided into two panels. The left panel, titled 'Product', shows a search bar and a list of products. The right panel, titled 'White Bed', displays the product details. It includes a 'Name' field with the value 'White Bed' and an 'Image' field showing a photograph of a white bed. Below the image, it says 'Published 1 hr. ago'.

On the far right, a user profile dropdown menu is visible, showing the user's name 'SamraZakirHussain', email 'samrazh11@gmail.com', and options for 'System', 'Dark', 'Light', 'Manage project', 'Invite members', and 'Sign out'.